

INNER WEST LOOP MOBILITY STUDY

The study area is bounded on the east by Spur 527 and Bagby Street, on the west by Interstate Highway 610 (West Loop), on the north by Interstate Highway 10 (Katy Freeway), and on the south by U.S. Highway 59 (Southwest Freeway). The primary purpose of this task is to identify potential short, medium and long range projects intended to promote better mobility, and to consider and develop a multi modal classification for streets within the study area.

Task 1.0 *Data Collection and Analysis*

Task 1.0 Deliverables:

- Factored peak-hour turning movement volume percentages at the study intersections
- Lane configuration and signal cycle data at the study intersections
- Data inventory list and analysis
- Updated Demographic Analysis for the study area
- Copies of data collection

Task 2.0 *Use of the Mobility Toolbox and Existing Conditions Analysis*

Task 2.0 Deliverables:

- Preliminary and revised study area objectives
- Universe of alternatives for mobility solutions potentially utilized within the study area
- Existing traffic conditions analysis results in SYNCHRO
- Interim Report

Task 3.0 *Public Participation Meeting #1*

The purpose of this meeting is to collect public input early in the process. This input will help guide stakeholders, Consultants, and City staff. The public participation meeting will collect input from the citizens regarding their neighborhoods and the larger study area. Input will also be collected regarding existing issues and the street network within the study area.

Task 3.0 Deliverables:

- Complete set of citizen and Consultant public participation meeting products
- Attendance of two professionals by the Consultant
- Preparation of presentation materials/boards/exhibits
- A summary of the outcomes of the public participation meeting

Task 4.0 *Stakeholder Involvement Meeting #1*

The Stakeholder Involvement Meeting #1 will review the issues and challenges within the study area based on information gathered at the Public Participation Meeting #1 (Task 3.0). The meeting will also review mobility objectives with the stakeholders within the study area and also discuss the universe of mobility solutions. The discussion will focus on fine tuning the mobility objectives developed in Task 2.0, and also conduct an initial Fatal Flaw Screening of the appropriate mobility solutions. The products of this meeting will be a list of the modified mobility objectives and a list of the mobility solutions that are deemed infeasible. The Consultant will present the methodology for developing the multi modal street classification for streets within the study area. The stakeholder members will also discuss the alternatives for the multimodal street classification system to guide the Consultant.

Task 5.0 *Fatal Flaw Screening*

Following the completion of Task 4.0, Stakeholder Meeting #1 and based upon the input received from the stakeholder groups pertaining to the types of mobility solutions that would benefit the area, the Consultant will work with the City staff to develop a list of mobility solutions that are to be taken to the next level for further analysis, otherwise known as the "Viable Solutions."

Task 5.0 Deliverables:

- Memorandum documenting fatal flaw screening evaluation matrix and list of viable mobility solutions

Task 6.0 Model and Analyze Viable Alternative Mobility Solutions

The viable mobility solutions from Task 5.0 are sorted into the three categories: Technical Modeling Solutions – Using the Regional Travel Demand Model, Technical Operation Solutions – Using a Traffic Operations Modeling Software, and Technical Planning Solutions – Those that are not well analyzed in either modeling effort previously mentioned.

Task 6.0 Deliverables:

- Regional Travel Demand Model Outputs including mapping of scenarios
- Technical Operations Modeling Outputs for Current Year and 2035 Scenarios
- Technical Planning Solutions for consideration within selected corridors/intersections

Task 7.0 Evaluating the Best Mobility Solutions, Defining Improvements, and Proposed Multi Modal Classification

Task 7.0 Deliverables:

- List of potential solutions by corridor/intersection, and analysis of the proposed multi modal classification for streets

Task 8.0 Planning Level Cost Estimates

Task 8.0 Deliverables:

- Planning level cost estimates for potential solutions

Task 9.0 Stakeholder Involvement Meeting #2

The Stakeholder Involvement Meeting #2 will present the outcomes of Tasks 5.0 through 8.0. This meeting will review and present the mobility solutions and analysis and the list of potential solutions.

Task 10.0 Public Participation Meeting #2

The purpose of this meeting is to present the draft recommendation from Task 9.0, and collect public input and comments. The public comment will help guide Consultants and city staff in finalizing recommendations.

Task 10.0 Deliverables:

- Complete set of citizen and Consultant meeting products
- Attendance of two professionals from the Consultant
- Preparation of presentation materials/boards/exhibits
- A summary of the outcomes of the meeting

Task 11.0 Recommended Improvement Prioritization and Multi Modal Classification

Task 11.0 Deliverables:

- Prioritization methodology and multi modal street classification memorandum
- Prioritized list by mode/type for short, medium, and long term consideration
- Multi modal street classification methodology memorandum
- Multi modal street classification report

Task 12.0 Inner West Loop Sub-Area Mobility Study Report

Task 12.0 Deliverables:

- Inner West Loop Sub-Area Mobility Study, Draft Report
- Inner West Loop Sub-Area Mobility Study including executive summary, Final Report